Resource Summary Report

Generated by NIF on Apr 28, 2025

MEDME

RRID:SCR_012995

Type: Tool

Proper Citation

MEDME (RRID:SCR_012995)

Resource Information

URL: http://www.bioconductor.org/packages/2.12/bioc/html/MEDME.html

Proper Citation: MEDME (RRID:SCR_012995)

Description: Software that allows the prediction of absolute and relative methylation levels

based on measures obtained by MeDIP-microarray experiments.

Abbreviations: MEDME

Resource Type: software resource

Funding:

Resource Name: MEDME

Resource ID: SCR_012995

Alternate IDs: OMICS_00614

Record Creation Time: 20220129T080313+0000

Record Last Update: 20250420T014628+0000

Ratings and Alerts

No rating or validation information has been found for MEDME.

No alerts have been found for MEDME.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 18 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF.

Wu X, et al. (2024) 5-Aza-2'-Deoxycytidine Ameliorates Choroidal Neovascularization by Inhibiting the Wnt/?-Catenin Signaling Pathway. Investigative ophthalmology & visual science, 65(2), 23.

Le MNU, et al. (2023) ChIP-chip data for identifying target genes and consensus binding sequences of mutant p53 in MDA-MB-468 breast cancer cells. Data in brief, 50, 109499.

Martin LJ, et al. (2022) Aberrant DNA and RNA Methylation Occur in Spinal Cord and Skeletal Muscle of Human SOD1 Mouse Models of ALS and in Human ALS: Targeting DNA Methylation Is Therapeutic. Cells, 11(21).

Wang X, et al. (2021) Maternal folic acid impacts DNA methylation profile in male rat offspring implicated in neurodevelopment and learning/memory abilities. Genes & nutrition, 16(1), 1.

Noruzinia M, et al. (2021) Young Breast Cancer: Novel Gene Methylation in WBC. Asian Pacific journal of cancer prevention: APJCP, 22(8), 2371.

Huang Y, et al. (2019) Developmental features of DNA methylation in CpG islands of human gametes and preimplantation embryos. Experimental and therapeutic medicine, 17(6), 4447.

Wang J, et al. (2018) Integrated analysis of DNA methylation profiling and gene expression profiling identifies novel markers in lung cancer in Xuanwei, China. PloS one, 13(10), e0203155.

Ha A, et al. (2018) Comparative Efficacy of the New Optical Biometer on Intraocular Lens Power Calculation (AL-Scan versus IOLMaster). Korean journal of ophthalmology: KJO, 32(3), 241.

Kanherkar RR, et al. (2018) The Effect of Citalopram on Genome-Wide DNA Methylation of Human Cells. International journal of genomics, 2018, 8929057.

Xu J, et al. (2018) MeDEStrand: an improved method to infer genome-wide absolute methylation levels from DNA enrichment data. BMC bioinformatics, 19(1), 540.

Wang J, et al. (2016) DNA methylation is critical for tooth agenesis: implications for sporadic non-syndromic anodontia and hypodontia. Scientific reports, 6, 19162.

Chater-Diehl EJ, et al. (2016) Alteration of Gene Expression, DNA Methylation, and Histone Methylation in Free Radical Scavenging Networks in Adult Mouse Hippocampus following Fetal Alcohol Exposure. PloS one, 11(5), e0154836.

Zhao M, et al. (2016) Increased 5-hydroxymethylcytosine in CD4(+) T cells in systemic lupus erythematosus. Journal of autoimmunity, 69, 64.

Xiao JL, et al. (2016) DNA methylation profiling in different phases of temporomandibular joint osteoarthritis in rats. Archives of oral biology, 68, 105.

Song M, et al. (2016) Combined analysis of DNA methylome and transcriptome reveal novel candidate genes with susceptibility to bovine Staphylococcus aureus subclinical mastitis. Scientific reports, 6, 29390.

Melka MG, et al. (2015) Insights into the origin of DNA methylation differences between monozygotic twins discordant for schizophrenia. Journal of molecular psychiatry, 3(1), 7.

Yu B, et al. (2015) Epigenetic Alterations in Density Selected Human Spermatozoa for Assisted Reproduction. PloS one, 10(12), e0145585.

Yu M, et al. (2014) Folic acid stimulation of neural stem cell proliferation is associated with altered methylation profile of PI3K/Akt/CREB. The Journal of nutritional biochemistry, 25(4), 496.